

# CASEBOOK

OF

# BIBHAS DE

## LIGO-INDIA:

## A cruel irony of

## Bhārata-bhāgya-vidhātā

*(The Lord of India's Destiny)*

All my timely efforts to stop the LIGO-India scientific mega-fraud have failed.

Science's mausoleum is being built apace.  
Hence this testament for future generations:  
A tale of deep deceit perpetrated by a league  
of intellectual scoundrels upon humanity.

यदा यदा हि धर्मस्य ग्लानिर्भवति भारत....

# TESTAMENT

The Laser Interferometer Gravitational Wave Observatory (LIGO) network today comprises two US stations, and one station each in Italy, Germany and Japan. The Indian station is projected to be operational later this decade. Its construction has begun.

This LIGO enterprise today stands documented as a mega-scale scientific fraud. It started as a quack concept erected by inept scientists with delusions of genius. A sham discovery was then concocted and reported. When this was challenged, the discovery was maintained through total silence in the face of criticism. Government funding agencies allowed these scientists to ignore legitimate scientific criticism, and kept giving them more and more money to boot.

The power behind LIGO (establishment power, funding agency power, political power, legislature power, government power, prizes-and-accolades power, media power, public-outreach power... ) is such that it is today unstoppable and untouchable – like an organized crime syndicate in its heady days. India has embraced this and become a part of this. My campaign against LIGO has failed to gain any traction, and so I leave behind this account.

This campaign was partly rooted in my origins in India. But there was a solid practical reason for focusing on India. All other LIGO stations had already been built or nearly completed. But the Indian station was about to be built. This is why it was an acid test. Could the bad guys be headed off at the pass more easily than after they have entered the pueblo?

The answer I have found out is No.

04/21/2021



# WHERE AM I COMING FROM?

## LIGO DISSIDENCE IN HISTORICAL CONTEXT **WHY SO HARSH, BIBHAS DE?**



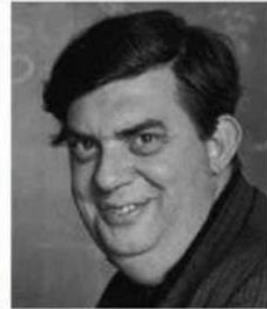
Hannes Alfvén



Fred Hoyle



Halton Arp



Geoffrey Burbidge

LIGO is cosmology, and cosmology dissidence is nothing new. Looking at past dissidence can give us a realistic sense of what will come from LIGO dissidence. Nothing likely will. LIGO will likely go great guns for as long as the LIGO powerbrokers want. I do not let this outcome deter me, but see the need to change tactics.

The men you see above were all prominent scientists and solid academics. Alfvén was my teacher, and Burbidge I knew from being at UCSD. They had their own different ideas about the origin of the universe. What they had in common was that they were all Big Bang dissidents. They exerted themselves strongly, but within the bounds of academic form. In the end they all failed. They died with the despairing knowledge that Big Bang is unstoppable. This is sad. The scientific establishment was complicit against them. Big Bang is a scientific fraud – intricate and intertwined fraud. Because it consumes public money, it is also criminal fraud. So we are dealing with a crime family of Physicsville: *The House Gamow*.

This is how LIGO is also shaping up to be: *The House Thorne*. What I am doing new is to take the matter outside the sphere of polite scientific debate, and to public officials responsible for public money. The other thing new I am doing is using the stark language of public accountability and the effective language of public communication. I am dismantling the carefully concocted images of infallible temple gods, and showing them up for what they are.

01/16/2019



**MY FIRST CONTACT:** Almost immediately on learning about the first LIGO discovery, I felt it was most likely due to geomagnetic (not 'geometric'!) causes. Upon further thinking, I felt that the most likely source was global signal from lightning strike.

# LIGO TAKEDOWN

**11 FEBRUARY 2016**

LIGO discovery of gravitational waves announced.

**12 FEBRUARY 2016**

Bibhas De takes one look and writes in his blog *The Dreamheron Chronicles* that the signals are most likely due to some type of geometric disturbance.

**16 FEBRUARUY 2016**

Bibhas De finds time to take a closer look and appends the same blog post saying that the source is likely lightning.

**12 JULY 2017**

## **Impact of correlated magnetic noise on the detection of stochastic gravitational waves: Estimation based on a simple analytical model**

**Yoshiaki Himemoto and Atsushi Taruya**

It has been advocated, however, that the global magnetic fields in the Earth-ionosphere cavity produce the environmental disturbances at low-frequency bands, known as Schumann resonances, which potentially couple with GW detectors. In this paper, we present a simple analytical model to estimate its impact on the detection of stochastic GWs. The model crucially depends on the geometry of the detector pair through the directional coupling, and we investigate the basic properties of the correlated magnetic noise based on the analytic expressions. The model reproduces the major trend of the recently measured global correlation between the GW detectors via magnetometer. The estimated values of the impact of correlated noise also match those obtained from the measurement.

**27 JULY 2017**

## **Alleged correlated noise in LIGO data and the Schumann resonance transients**

**Z.K. Silagadze**

We argue that the Schumann resonance transients excited by strong lightnings and Q-bursts in Africa will have just this time lag of about 7~ms. Therefore if the correlated noise related to the Schumann resonance transients is indeed present in the LIGO data, its "African part" will show just the proper time-delay and its coincidence with the gravitational-wave time delay is only a coincidence.



The discoveries are false, period. The LIGO signals, by basic physics, can contain no information about anything about any gravitational waves. On the other hand, there are straightforward and unavoidable signals of known origin.

# SPACE WEATHER

causes

## BLACK HOLE MERGER

The term "space weather" refers to the variable conditions on the sun and in space that can influence the performance of technology we use on Earth. Extreme space weather could potentially cause damage to critical infrastructure – especially the electric grid – highlighting the importance of being prepared.

- [www.ready.gov/space-weather](http://www.ready.gov/space-weather)

For LIGO, these include geomagnetic disturbances that have not to do with the sun and those that do. The problem is that while the ligo-nauts say the right words, they never understood *how* such disturbances affect their instrument. They analyzed the effect of charged particles from the sun pushing on the LIGO mirrors, and concluded that this effect is negligible! They set up their own straw man and defeat it.

Fluctuations of space weather induce time-varying electric currents  $\mathbf{I}$  in the metallic innards of LIGO. Because of the Earth's static magnetic field  $\mathbf{B}$ , these innards vibrate under the  $\mathbf{I} \times \mathbf{B}$  force, and these vibrations are what affect LIGO. Thaddeus Gutierrez has shown that all LIGO detections to date – including that reported June 30, 2019 – are correlated to space weather.

Bibhas De 07/01/2019

**DOCUMENTED RESOURCES:  
THE SCIENTIFIC EVIDENCE OF LIGO FRAUD**

**UNCHALLENGED  
PRIVILEGE**

**The Billion-Dollar Trilateral  
Gravitational-Wave  
Discovery Scam**



An investigative report by

**BIBHAS DE**

*Author of The Falsifiers of the Universe*



# PHYSICS WHEN IT SIZZLES

In February 2016 scientists from Caltech, MIT and other institutions gathered under the auspices of the National Science Foundation for a much-ballyhooed Press Conference. As the cameras rolled, they rolled out the grandest of discoveries: They found gravitational wave predicted by Albert Einstein a hundred years ago. The wave they saw originated in a merger-and-acquisition action between two black holes 1.3 billion years ago. Now the adoration of the discoverers began. The media vied for the catchiest headline. The President of the United States of America tweeted:



President Obama  
@POTUS

Follow

Einstein was right! Congrats to @NSF and @LIGO on detecting gravitational waves - a huge breakthrough in how we understand the universe.

The Congress of the United States held a kumbaya session. The Prime Minister of India pledged support for the cause and tweeted:



Narendra Modi  
@narendramodi

Follow

Immensely proud that Indian scientists played an important role in this challenging quest.

In no time flat Kip Thorne, the discovery big kahuna, was created **TIME**100 Most Influential Person in the World.

There followed prizes galore, backed by names found in a Who's Who in Physics, including Stephen Hawking and Edward Witten:

BREAKTHROUGH PRIZE \* GRUBER PRIZE

SHAW PRIZE \* KAVLI PRIZE

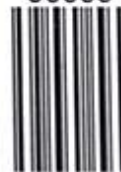
Physics scam-buster Bibhas De took one look at the discovery and said: *Not again!* Then he wrote this book to set your world aright, again.



ISBN 9781535349666



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# UPDATED SECOND EDITION:

## FAKE BABAS OF PHYSICSVILLE

In India some conmen assume the guise of much-trusted holy men (sadhus, babas), and promise to create for you *paiso ki barish* (rain of money; *paiso* = money, *barish* = rain). You bring a suitcase full of hard cash to the fake baba's jungle hideout in the hope he will make double that money rain from the sky for you. The rest you can guess.

The LIGO leaders – the gravitational wave discovery gurus – get your paiso via your national coffer. They promise you a firmamental barish. Can you guess what will happen next to you? *It's a hard rain's a-gonna fall.*



**THE AUTHOR:** Bibhas De busts physics gigabuck gigascams. Whether they are conducting this in the high frontier with a NASA satellite, on the white expanse of Antarctica with a coffee-can telescope or in the Louisiana bayou country with a kilometers-long latter-day dowsing rod, he unmasks them. His service to you is *gratis*.



**Second Edition: LIGO unravels**

## UNCHALLENGED PRIVILEGE

**The Billion-Dollar Trilateral  
Gravitational-Wave  
Discovery Scam**



An investigative report by

**BIBHAS DE**

Author of *The Falsifiers of the Universe*

# THE FREE CASEBOOK IN INTERNET ARCHIVES

[https://archive.org/details/@bibhas\\_de&tab=uploads](https://archive.org/details/@bibhas_de&tab=uploads)

A free world education eBook

## CASEBOOK

OF

## BIBHAS DE

### THE MYSTERY OF THE HANFORD EMPATHS

LIGO OBSERVATORY'S NOBEL-WINNING  
DISCOVERY OF GRAVITATIONAL WAVES

The author previously exposed Penzias-Wilson  
blackbody scam, COBE fraud, and BICEP2 quackery.  
All were covered up by the physics establishment.  
The LIGO fraud is following the same script.  
They never retract fraudulent discoveries.  
They are never accountable to the society.  
But lone science frauds are sent to prison.



A free world education eBook

# CASEBOOK OF BIBHAS DE

## THE HEAVENWARD DIVINING ROD

A COMPENDIUM ON THE LIGO  
GRAVITATIONAL WAVE OBSERVATORY  
INSTRUMENTATION FRAUD

The billion-dollar LIGO is as worthless an instrument  
as a \$44.99 cure-all pure-copper magnetic bracelet.

But mighty forces stand behind LIGO with their  
generous coffers: The governments of USA, Australia,  
Germany, India, Italy, Japan and UK.

LIGO marks the end of your scientific civilization.

A pod lies in readiness for everyone.

A free world education eBook

# CASEBOOK

OF

# BIBHAS DE

WHEN

## BABOON'S BUTT

PASSES FOR

## ABSTRACT ART

AS THE LIGO FRAUD SUCKS IN TAXPAYER MONEY,  
GLAMOROUS PHYSICS ACADEMICS THE WORLD IS  
MADE TO ADORE ARE AFRAID TO CALL IT WHAT IT IS

The LIGO Observatory is the bogus-most  
contraption science has ever created.  
The LIGO universe is late-late-night science fiction.  
This eBook is a collection of my graphics on clear  
thinkers explaining to you why LIGO is a fraud.  
The graphics expose the LIGO camp as a cult of  
self-worshipping quacks shooting up adrenaline.

**... AND MORE**



**MY WORDPRESS BLOG DISCUSSED THE MATTER  
AS IT UNFOLDED, STARTING WITH THE FIRST  
DISCOVERY REPORT:**



*<https://dreamheron.wordpress.com/>*

# LIGO AND WAVE PHYSICS

The most obvious physics fault of LIGO science is a total lack of understanding or even awareness of the science of wave behavior and wave detection, and fundamental limitations that exist in these fields. And yet, I saw no recognition of this when assorted pundits endorsed LIGO with authoritative pretensions. What authority?! So, this whole business of expert support for LIGO worldwide was a laughable sham.

When the physical size of the detector is much smaller than the wavelength of the gravitational wave, the detector cannot characterize the wave (i.e. sense its direction and polarization and strength.) So, the LIGO cannot work off the polarization of the wave as LIGO theory says, or measure the wave's strength. This is a fundamental limitation in wave detection.

When the detector size is small, it is effectively a volume and not a two-dimensional L of LIGO theory.

When the detector size is small, there can also be no 'triangulation'. That's because the detectors cannot locate the wavefront with any precision.

So, the kindest thing one can say about the LIGO scientists, promoters and certifiers who claim expertise in gravitational wave, is that they are awfully shallow and opinionated people. The following is an example of how a government makes decision.



# LEADING A NATION ASTRAY

Abhay Ashtekar of Pennsylvania State University is the lead advisor to LIGO India. The Indian Government acts on his advice. On August 21, 2019 he gave a talk at the International Center for Theoretical Sciences in Bangalore. The following abstract reveals the quality of advice he is dispensing to mislead an entire nation:

### Big Bang, Black Holes and Gravitational Waves Illustrations of Paradigm Shifts in Fundamental Science



**ABSTRACT:** Big Bang, Black Holes and Gravitational Waves now appear as compelling – even Obvious – consequences of general relativity. Therefore, it may seem surprising that none of these ideas were readily accepted. Not only was there considerable debate, but in fact leading figures were often arguing on what turned out to be the “wrong side” of history. These developments provide excellent lessons for younger researchers on how science un-folds. Paradigm shifts in science occur when younger researchers have the courage not to accept ideas merely because they are mainstream; patience to systematically develop novel avenues they deeply believe in; and maturity to accept that a variety of factors – not all logical or even science related – can drive or slow down scientific progress.

He is making an expansive point that those who opposed Big Bang, (LIGO) Black Holes, and (LIGO) Gravitational Waves placed obstructions in the way of progress. This is a falsehood in the face of publicly documented scientific facts. The experimental evidence for Big Bang and LIGO is fraudulent. The 2.7 K cosmic blackbody (CMB) is a fraud, and its connection to the patchy skymap is a fraud. And so, everything Big Bang and everything LIGO are a fraud.



# THE SUMMARY MESSAGES FOR INDIA

## **LIGO: WHAT INDIANS SHOULD KNOW**

The main justification for LIGO India was that, with the two LIGO-US stations, it can triangulate the direction of the source on the sky. This is false physics.

LIGO is not a valid scientific instrument for detecting gravitational waves. This has been explained. The Indian Ligonauts are either incapable of understanding this, or have understood this and have chosen to proceed anyway.

There exist refereed publications by independent scientists worldwide, calling the LIGO discoveries into question from different directions.

The LIGO Nobel Prize was given in extreme haste. It should not be seen as a scientific certification in the face of above faults.

India is scientifically strong on her own in some areas. LIGO is not one of them. It will be the undoing of India's reputation.

09/07/2018



# LIGO LIES: WIKIPEDIA and MEDIA



The physics establishment has usurped Wikipedia to create a positive atmosphere for funding. Wikipedia has a number of ostensibly educational articles on

LIGO. To this day these articles, which make copious references to



science reporters, do not reference any criticisms of LIGO – even the ones written by academic scientists and published in refereed journals. The science reporters also keep mum about the criticisms. **Discount Wikipedia, discount the Media. Here instead is the real skinny on LIGO:**

**LIGO critics have provided scientific arguments why the discoveries never happened. These diverse and independent negative findings are the symptoms of a single core issue: LIGO is not a valid scientific instrument. The instrument concept is fundamentally wrong, and is not fixable. There can be nothing in the LIGO readout about any gravitational waves. The only way forward with the LIGO observatories is to cut the losses (\$1 bn) and shut them down.**

**Duty to Inform**

A world education message from Bibhas De 08/25/2018



## LIGO INDIA – Full Speed Ahead

According to reports, LIGO India is proceeding apace. Serious moneys are being spent. The government has already issued the following official contracts. Early next year, "buildings worth" of electronics will arrive from America.

Construction of LIGO India Office Building	Rs. 359 lakhs
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Barbed wire fence around LIGO India site	Rs. 119 lakhs
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Drone survey of LIGO India site	Rs. 24.8 lakhs
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Automatic Weather Station at LIGO India site	Rs. 17 lakhs
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According to earlier reports, Prime Minister Narendra Modi was to perform a groundbreaking ceremony by the end of last February. No further reports on this thus far. Don't do it, Mr. Prime Minister!

Sooner or later, the Indian LIGO leaders will face this question from Indian citizenry: *Why were these moneys spent at a time when LIGO fraud stood fully exposed and fully documented by able scientists?*

The Indian physics community at large will be asked: *What were you doing for the nation when all this fraud was going on?*

Bibhas De 08/24/2019



# SOME LIGO INDIA PLAYERS - SCIENCE

## SOME VISIBLE FACES OF LIGO INDIA

**They're debasing India's well-earned scientific record**



L. to R.: Ajit Kembhavi, Sanjeev Dhurandhar, Somak Raychaudhury, Tarun Souradeep, Rana Adhikari, Bala Iyer, Karan Jani.

They have promised to bring "a new ethic" to Indian science, and publicly derided fellow Indian scientists for working in "silos" and not joining "mega-science."

They have duped the Indian Government into acquiring scrubland from 30-40 private landowners at a premium price so they can build their LIGO India. Those happy villagers are laughing all the way to their bank in the nearest township.

The Chapati Ligonauts – as with the Hamburger Ligonauts and Spaghetti Ligonauts and Sauerkraut Ligonauts – never understood a damn thing about the Thorne-Weiss LIGO science in the decade or so they have been pushing for LIGO India. If they did, they would have understood the fraud for themselves.

In the face of publicly documented evidence of scientific fraud from able experts worldwide, the Chapati Ligonauts are proceeding powerfully to build a sham observatory from scratch to detect the sham Thorne-Weiss emanations. They are using the shield of the sham LIGO Nobel Prize and the sham patronage of France Cordova (NSF) to commit this fiscal crime against their own nation. They have dragged Indian science down into the gutter, and are now standing showily in a neat row and pissing on it in long-arc-ing streams.

A world education message from Bibhas De 04/09/2018



# THE LIGO INDIA MAIN PLAYERS – INDIAN AND US GOVERNMENTS

## LIGO INDIA DECISION-MAKERS



Prime Minister Narendra Modi. He is the ultimate decision-maker in a procedural sense. But with LIGO, he is much more than that. He has had a long personal engagement with LIGO and has extended to it his patronage. However, if his advisors have not informed him on LIGO dissidence, he remains totally guiltless of installing LIGO fraud in India.



The advisors (*l.to r.*): Krishnaswami VijayRaghavan, Principal Scientific Advisor to the Government of India; Ashutosh Sharma, Secretary of the Department of Science and Technology; Kamlesh Nilkant Vyas, Secretary of the Department of Atomic Energy and Chairman of the Atomic Energy Commission. Even if the LIGO India scientists have withheld the fact of worldwide LIGO dissidence from them, they stand otherwise informed.

Bibhas De 06/30/2019



# **LIGO SCAMORAMA XX**

## **SCAMORAMA SERIES FINALE**

**Q:** Are you saying that LIGO needs to gather more evidence?

**A:** No. LIGO discoveries never happened and will never happen. LIGO is scientifically incapable of detecting gravitational wave.

**Q:** So the LIGO observatories are not salvageable?

**A:** Maybe they can be converted for petroleum pipeline research.

**Q:** But the reality today is that more money is going into upgrading the observatories and creating a new one in India! The scientific establishment, NSF and the media stand solidly with LIGO. Kip Thorne is hot on his victory lap. PBS, NOVA, science museums – they are all agog with the awe of LIGO. With the Nobel Prize, all the dissidents save yourself have been trounced.

**A:** This is true. As a last effort, I have asked the Trump White House to help stop this otherwise unstoppable crime by intellectual cabals against our nation and our civilization. God knows the ragtag dissidents have urged *all* the relevant groups to do right by the human society. None did. I received this response from the White House, and I am hopeful that President Trump may be the one to rescue for us our hijacked civilization:

To: bibhasde bibhasde@aol.com

**THE WHITE HOUSE**

WASHINGTON

January 5, 2018

Thank you for contacting the White House. We are carefully reviewing your message.

President Donald J. Trump believes the strength of our country lies in the spirit of

**Duty to Inform**

A world education message from Bibhas De 02/20/2018



# THE STAGE AS I LEAVE IT:

**LIGO INDIA UPDATE APRIL 2021**

## **TWO DEVELOPMENTS**

**There is just out a report** *Roadmap: Gravitational-wave physics and astronomy in the 2020s and 2030s* by the LIGO sahibs, affirming all discoveries to date and painting a super-rosy future. The report promises that LIGO India will be operational 'later this decade'. LIGO-India's Somak Raychaudhury is a coauthor along with the huzoors.

**There is just out a book** *Hawking Hawking*. The most influential guarantor of the LIGO discoveries, Stephen Hawking, has been rightly exposed in the tell-all book as a scientific sleazeball. I said all this ten years ago. Science would be better off today had Hawking not contracted that disease.

## **PUT THEM TOGETHER!**

The peddling of LIGO and the hawking of Hawking are similar and linked global-scale frauds perpetrated by many of the same actors. Take for example Kip Thorne and Somak Raychaudhury of LIGO fraud. Both have energetically promoted Hawking and basked in his limelight. Thorne told the media that he and Hawking developed a sci-fi idea which he would bring to the big screen. Thorne and Hawking partied together on the Pedophile Island. Raychaudhury told the media that he is Hawking's student! India is being dragged into all this sleaziness in the name of science.

**यदा यदा हि धर्मस्य ग्लानिर्भवति भारत**

Bibhas De 04/15/2021



# THE SLEAZE FACTOR OF LIGO

## The Deep Sleaze that duped India: THE PARTY ON THE PEDOPHILE ISLAND

Little Saint James, U.S. Virgin Islands – dubbed Pedophile Island for obvious reasons – is where convicted child rapist Jeffrey Epstein (who died in prison) frolicked with underage girls quite openly. The three men partying on this island as Epstein's guests in 2006 are Stephen Hawking, David Gross and Kip Thorne. Every one of them would later be a major factor influencing LIGO India.



**KIP THORNE** of course is the LIGO Supreme Guru. He long encouraged LIGO India and, after he got the Nobel Prize, came to India and diligently gave numerous plugs.

**STEPHEN HAWKING** plugged LIGO discovery the moment it was made.

Then **Somak Raychaudhury** of LIGO India (who falsely claims to be Hawking's student) spread the Hawking legend thick over India.

**DAVID GROSS**, a Nobel Laureate in Physics for a sham discovery, plugged LIGO fiercely and may have been instrumental in the rapid award of the Nobel Prize to LIGO. Gross came to India and publicly upbraided the Government of India for foot-dragging on approving LIGO India. After that the Government rapidly approved LIGO.

Additionally, **JAMES PEEBLES**, upon receiving Nobel Prize for Big Bang fraud, plugged LIGO bigtime in his Nobel speech. Raychaudhury plugged Peebles bigtime in India. Peebles was connected to Epstein.

LIGO Nobelist **BARRY BARISH** was connected to Epstein.

**To certify LIGO needed expertise in instrumentation science and wave detection physics. None of the aforementioned certifiers of LIGO knows a damn thing about these subjects. This is their science: Scam up to power, power up to scam.**

## CONCLUDING REMARKS

To see LIGO only as a global-scale mega-fraud would be to miss my whole point. Our scientific civilization – nothing less – has been brought to an inflection point over decades with organized scientific mega-fraud like Big Bang. Now, the latter-day mega-frauds like LIGO and Black Hole photography are causing the civilization's trajectory to head south. They are taking the civilization under because a few men want quick fame and fortune, and instant glitter and gold. They also want James-Bond-villain-style world domination. They see themselves as a superior intellectual race, and want their special jollies. They want the ultimate in group shooting-up.

From here on, science is what the powerful cabals say science is. The scientific community at large exercises no vigilance whatsoever. They are like so much listless cattle upon a wasteland.

With LIGO, I was the last sentinel standing. But I have not been able to stop this civilization-destroying evil. The North Wall has been breached. Your scientific civilization now lies unprotected, and is being repeatedly gang-raped.

*Tamam shud*